

IN THE UNITED STATES PATENT AND TRADE MARKS OFFICE

Inventors: Areekattuthazhayil K. Kuriakose
Nicola Maffei

Assignee: Her Majesty in right of Canada,
as represented by the Minister of Natural
Resources

ReIssue of
U.S. Patent 6,073,478

Title: HYDROGEN SENSOR USING A SOLID HYDROGEN ION
CONDUCTING ELECTROLYTE

Our File: 1004-75

November 27, 2001

The Commissioner of Patents
and Trade Marks,
Washington, D.C., 20231
U.S.A.

Dear Sir:

This is an amendment to the application for
reissue of U.S. Patent 6,073,478 issued June 13, 2000.

In the Abstract:

Please amend the abstract as follows:

A reliable gaseous hydrogen detection and
measuring device which is simple, easy to use, does not
require any reference gas supply, and which can be of
reasonably rugged construction. The device utilizes a disc
comprising a solid state ceramic hydronium conductor of the
general formula $\text{Na}(\text{H}_3\text{O})_x\text{Zr}_2\text{Si}_x\text{P}_{(3-x)}\text{O}_{12}$ together with a silver

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